



<110> Lauermann, Vit

<120> Targeted release

<130>

<140> 010/651,584

<141> 2003-08-30

<160> 111

<210> 1

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 1

Ser Met Ser Ile Ala Arg Leu  
1 5

<210> 2

<211> 13

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 2

Ser Lys Gly Ser Phe Ser Ile Gln Tyr Thr Tyr His Val  
1 5 10

<210> 3

<211> 13

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell

<400> 3

His Leu Gly Gly Ser Gln Gln Leu Leu His Asn Lys Gln  
1 5 10

<210> 4

<211> 14

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell

<400> 4

Ser Lys Gly Lys Gly Thr Ser Ser Gln Tyr Ser Asn Thr Glu  
1 5 10

<210> 5

<211> 8

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 5

Asp Arg Val Tyr Ile His Pro Phe  
1 5

<210> 6

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 6

Val Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro  
1 5 10

<210> 7

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 7

Phe Phe Tyr Thr Pro Lys Ala  
1 5

<210> 8

<211> 9

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 8

Lys Arg Arg Pro Val Lys Val Tyr Pro  
1 5

<210> 9

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 9

Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr  
1 5 10

<210> 10

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 10

Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val  
1 5 10

<210> 11

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 11

Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys  
1 5 10

<210> 12

<211> 13

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 12

Thr Phe Ala Gly Asn Ala Val Arg Arg Ser Val Gly Gln  
1                      5                      10

<210> 13

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 13

Pro Leu Gly Leu Trp Ala  
1                      5

<210> 14

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 14

Pro Leu Phe Tyr Ser  
1 5

<210> 15

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 15

Pro Arg Thr Leu Thr  
1 5

<210> 16

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 16

Pro Leu Arg Leu Ser  
1 5

<210> 17

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 17

His Ser Ser Lys Leu Gln  
1 5

<210> 18

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 18

Ser Gln Tyr Ser Asp Thr  
1 5



<210> 19

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 19

Gln Phe Tyr Ser Ser Asn Lys  
1 5

<210> 20

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 20

Val Ser Gln Asn Tyr Pro Ile Val Glu Asn Phe Asn  
1 5 10

<210> 21

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 21

Ser Lys Ala Arg Val Leu Ala Glu Ala Met Ser Asn  
1 5 10

<210> 22

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 22

Ser Ile Arg Lys Ile Leu Phe Leu Asp Gly Ile Asn  
1 5 10

<210> 23

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 23

Ser Ala Pro Gln Val Leu Pro Val Met His Pro Asn  
1 5 10

<210> 24

<211> 11

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 24

Ser Lys Thr Lys Val Leu Trp Gln Pro Lys Asn  
1 5 10

<210> 25

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 25

Ser Lys Thr Lys Val Leu Val Val Gln Pro Arg Asn  
1 5 10

<210> 26

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 26

Ser Thr Thr Gln Cys Phe Pro Ile Leu His Pro Asn  
1 5 10

<210> 27

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 27

Ser Gly Val Val Asn Ala Ser Cys Arg Leu Ala Asn  
1 5 10

<210> 28

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 28

Ser Ser Tyr Val Lys Ala Ser Val Ser Pro Glu Asn  
1 5 10

<210> 29

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 29

Ser Ala Leu Val Asn Ala Ser Ser Ala His Val Asn  
1 5 10

<210> 30

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 30

Ser	Thr	Tyr	Leu	Gln	Ala	Ser	Glu	Lys	Phe	Lys	Asn
1				5					10		

<210> 31

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 31

Ser	Lys	Ala	Arg	Val	Leu	Ala	Glu	Ala	Met	Ser	Asn
1				5					10		

<210> 32

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 32

Ser Gln Asp Val Asn Ala Val Glu Ala Ser Ser Asn  
1 5 10

<210> 33

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 33

Ser Val Tyr Leu Gln Ala Ser Thr Gly Tyr Gly Asn  
1 5 10

<210> 34

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 34

Ser Lys Tyr Leu Gln Ala Asn Glu Val Ile Thr Asn  
1 5 10

<210> 35

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 35

Ser	Glu	Leu	Arg	Thr	Gln	Ser	Phe	Ser	Asn	Trp	Asn
1				5					10		

<210> 36

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 36

Ser	Glu	Leu	Trp	Ser	Gln	Gly	Ile	Asp	Asp	Asp	Asn
1				5					10		

<210> 37

<211> 12

<212> PRT

<213> Unknown



<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 37

Asp	Leu	Glu	Val	Val	Thr	Ser	Thr	Trp	Val	Phe	Asn
1				5					10		

<210> 38

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 38

Asp	Glu	Met	Glu	Glu	Cys	Ala	Ser	His	Leu	Phe	Asn
1				5					10		

<210> 39

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 39

Glu Asp Val Val Cys Cys Ser Met Ser Tyr Phe Asn  
1 5 10

<210> 40

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell

<400> 40

Lys Gly Trp Arg Leu Leu Ala Pro Ile Thr Ala Tyr  
1 5 10

<210> 41

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell

<400> 41

Ser Lys Pro Ala Lys Phe Phe Arg Leu Asn Phe Asn  
1 5 10

<210> 42

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 42

Ser Lys Pro Ile Glu Phe Phe Arg Leu Asn Phe Asn  
1 5 10

<210> 43

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 43

Ser Lys Pro Ala Glu Phe Phe Ala Leu Asn Phe Asn  
1 5 10

<210> 44

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 44

Ser Leu Leu Lys Ser Arg Met Val Pro Asn Phe Asn  
1 5 10

<210> 45

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 45

Ser Leu Leu Ile Ala Arg Arg Met Pro Asn Phe Asn  
1 5 10

<210> 46

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 46

Ser Lys Leu Val Gln Ala Ser Ala Ser Gly Val Asn  
1 5 10

<210> 47

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 47

Ser Ser Tyr Leu Lys Ala Ser Asp Ala Pro Asp Asn  
1 5 10

<210> 48

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 48

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Asn  
1 5 10

<210> 49

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 49

Ser Leu Arg Pro Leu Ala Leu Trp Arg Ser Phe Asn  
1 5 10

<210> 50

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 50

Ser Pro Gln Gly Ile Ala Gly Gln Arg Asn Phe Asn  
1 5 10

<210> 51

<211> 14

<212> PRT

??

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 51

Asp	Val	Asp	Glu	Arg	Asp	Val	Arg	Gly	Phe	Ala	Ser	Phe	Leu
1				5					10				

<210> 52

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 52

Ser	Leu	Pro	Leu	Gly	Leu	Trp	Ala	Pro	Asn	Phe	Asn
1				5					10		

<210> 53

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 53

Ser Leu Leu Ile Phe Arg Ser Trp Ala Asn Phe Asn  
1 5 10

<210> 54

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 54

Ser Gly Val Val Ile Ala Thr Val Ile Val Ile Thr  
1 5 10

<210> 55

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 55



Ser Leu Gly Pro Gln Gly Ile Trp Gly Gln Phe Asn  
1 5 10

<210> 56

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 56

Lys Lys Ser Pro Gly Arg Val Val Gly Gly Ser Val  
1 5 10

<210> 57

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 57

Pro Gln Gly Leu Leu Gly Ala Pro Gly Ile Leu Gly  
1 5 10

<210> 58

<211> 31

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 58

His	Gly	Pro	Glu	Gly	Leu	Arg	Val	Gly	Phe	Tyr	Glu	Ser	Asp	Val	Met
1				5					10					15	

Gly	Arg	Gly	His	Ala	Arg	Leu	Val	His	Val	Glu	Glu	Pro	His	Thr
			20					25					30	

<210> 59

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 59

Gly	Pro	Gln	Gly	Leu	Ala	Gly	Gln	Arg	Gly	Ile	Val
1				5					10		

<210> 60

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 60

Gly Gly Ser Gly Gln Arg Gly Arg Lys Ala Leu Glu  
1 5 10

<210> 61

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 61

Ser Leu Ser Ala Leu Leu Ser Ser Asp Ile Phe Asn  
1 5 10

<210> 62

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 62

Ser Leu Pro Arg Phe Lys Ile Ile Gly Gly Phe Asn  
1 5 10

<210> 63

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 63

Ser Leu Pro Arg Phe Lys Ile Ile Gly Gly Phe Asn  
1 5 10

<210> 64

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 64

Ser Leu Leu Gly Ile Ala Val Pro Gly Asn Phe Asn  
1 5 10

<210> 65

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 65

Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro Pro  
1 5 10

<210> 66

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 66

Gln Val Val Gln Leu Gln Asn Tyr Asp Glu Glu Asp  
1 5 10

<210> 67

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 67

Leu Pro Ile Phe Gly Glu Ser Glu Asp Asn Asp Glu  
1 5 10

<210> 68

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 68

Gln Val Val Thr Gly Glu Ala Ile Ser Val Thr Met  
1 5 10

<210> 69

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 69

Ala	Leu	Glu	Arg	Thr	Phe	Leu	Ser	Phe	Pro	Thr	Asn
1				5					10		

<210> 70

<211> 12

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 70

Lys	Phe	Gln	Asp	Met	Leu	Asn	Ile	Ser	Gln	His	Gln
1				5					10		

<210> 71

<211> 2

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 71

Ala Ala

1

<210> 72

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 72

Ala Ala Pro Val

1

<210> 73

<211> 3

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 73

Ala Ala Met

1

<210> 74



<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 74

Ala Ala Pro Phe  
1

<210> 75

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 75

Ala Ala Pro Met  
1

<210> 76

<211> 3

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 76

Ala Ala Arg

1

<210> 77

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 77

Ser Ala Ala Arg

1

<210> 78

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 78

Ser Ser Ala Ala Arg  
1 5

<210> 79

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 79

Ser Ala Ala Arg  
1

<210> 80

<211> 3

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 80

Ala Ala Asp  
1

<210> 81

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 81

Ser Ala Ala Asp  
1

<210> 82

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 82

Ser Ser Ala Ala Asp  
1 5

<210> 83

<211> 7

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 7

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 83

Arg Pro Lys Pro Leu Ala Xaa  
1 5

<210> 84

<211> 8

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 8

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 84

Ser Arg Pro Lys Pro Leu Ala Xaa  
1 5

<210> 85

<211> 9

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 9

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 85

Ser Ser Arg Pro Lys Pro Leu Ala Xaa  
1 5

<210> 86

<211> 7

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 2, 4, 7

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 86

Pro Xaa Gly Xaa His Ala Xaa  
1 5

<210> 87

<211> 7

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 5

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 87

Pro Leu Gly Leu Xaa Ala Arg  
1 5

<210> 88

<211> 4

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 2, 4

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell; Xaa = any amino acid

<400> 88

Pro Xaa Gly Xaa  
1

<210> 89

<211> 4

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 89

Pro Leu Gly Leu  
1

<210> 90

<211> 3

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 90

Gly Pro Arg  
1

<210> 91

<211> 3



<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 91

Leu Pro Arg

1

<210> 92

<211> 3

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 92

Glu Gly Arg

1

<210> 93

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 93

Gly Pro Gln Gly Ile  
1 5

<210> 94

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 94

Asn Lys Ile Ser Tyr Gln Ser  
1 5

<210> 95

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 95

Lys Ile Ser Tyr Gln Ser  
1 5

<210> 96

<211> 19

<212> PRT

<213> Unknown

<220>

<221> Xaa

<222> 12

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell; Xaa = any amino acid

<400> 96

Gly Glu Asn Gly Val Gln Lys Asp Val Ser Gln Xaa Ser Ile Tyr Ser  
1 5 10 15

Gln Thr Glu

<210> 97

<211> 15

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by  
a target cell

<400> 97

Gly Lys Gly Ile Ser Ser Gln Tyr Ser Asn Thr Glu Glu Arg Leu  
1 5 10 15

<210> 98

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 98

Asn Lys Ile Ser Tyr Tyr Ser  
1 5

<210> 99

<211> 7

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 99

Asn Lys Ala Ser Tyr Gln Ser  
1 5

<210> 100

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 100

Ser Tyr Gln Ser Ser  
1 5

<210> 101

<211> 5

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 101

Arg Tyr Gln Ser Ser  
1 5

<210> 102

<211> 8

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 102

Asn Lys Ile Ser Tyr Gln Ser Ala  
1 5

<210> 103

<211> 8

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 103

Ala Asn Lys Ile Ser Tyr Tyr Ser  
1 5

<210> 104

<211> 8

<212> PRT

<213> Unknown

<220>

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<400> 104

Ala Asn Lys Ala Ser Tyr Gln Ser  
1 5

<210> 105

<211> 6

<212> PRT

<213> Unknown

<220>

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a target cell

<400> 105

Ser Tyr Gln Ser Ser Thr  
1 5

<210> 106

<211> 6

<212> PRT

<213> Unknown

<220>

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a target cell

<400> 106

Ser Tyr Gln Ser Ser Ser  
1 5

<210> 107

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 107

Lys Tyr Gln Ser Ser Ser  
1 5

<210> 108

<211> 6

<212> PRT

<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 108

Arg Tyr Gln Ser Ser Ser  
1 5

<210> 109

<211> 6

<212> PRT



<213> Unknown

<220>

<223> mammalian, peptide specifically cleavable by a reagent produced by a target cell

<400> 109

Ser Tyr Gln Ser Ser Leu  
1 5

<210> 110

<211> 46

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide dimer linked by polyglycine serine linker containing PSA cleavage site specifically cleavable by PSA

<400> 110

Gly Asp Ser Phe Thr His Thr Pro Pro Leu Asp Pro Gln Phe Tyr Ser  
1 5 10 15

Ser Asn Lys Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly  
20 25 30

Gly Ser Gly Asp Ser Phe Thr His Thr Pro Pro Leu Asp Pro  
35 40 45

<210> 111

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide dimer linked by polyglycine serine linker containing PSA cleavage site specifically cleavable by PSA

<400> 111

Gly Tyr Lys Asp Pro Pro Phe Cys Val Ala Pro Leu Asp Pro Gln Phe  
1 5 10 15

Tyr Ser Ser Asn Lys Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly  
20 25 30

Gly Gly Gly Ser Gly Tyr Lys Asp Pro Pro Phe Cys Val Ala Pro Leu  
35 40 45

Asp Pro  
50